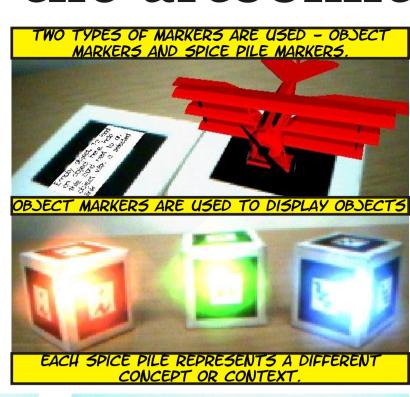
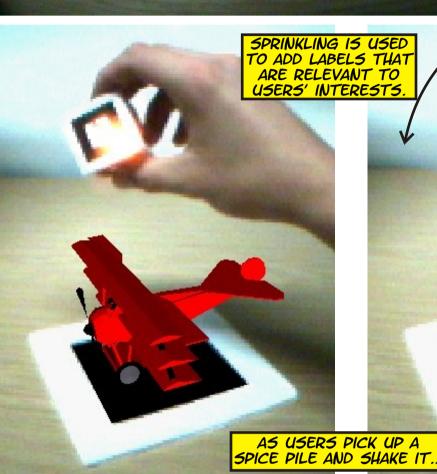
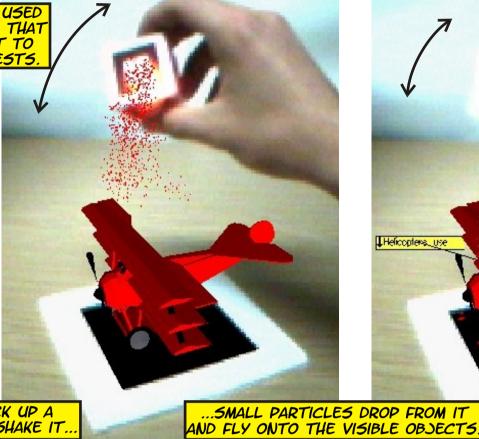
tangible hypermedia using the artoolkit

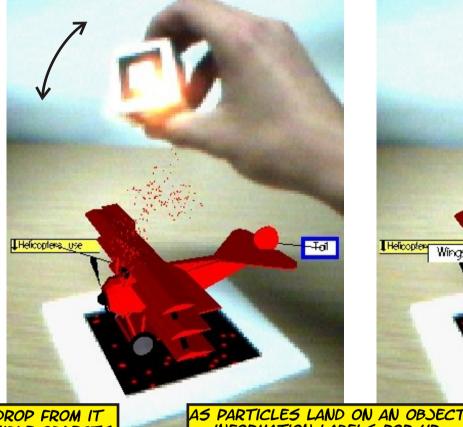
THE ARTOOLKIT [1] TRACKS MARKER CARDS SO THAT VIRTUAL
3D OBJECTS CAN BE OVERLAID ON THE CARDS

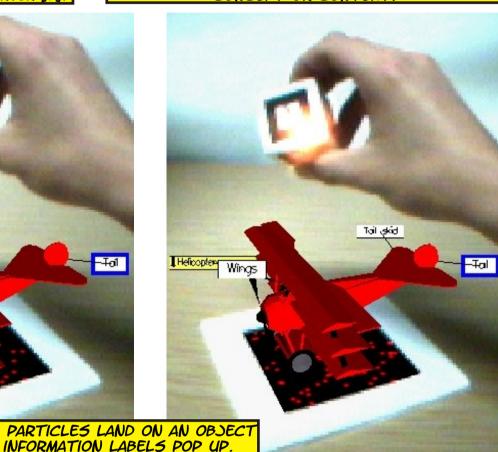
LABELS ARE ATTACHED TO OBJECTS, PROVIDING INFORMATION ABOUT SPECIFIC DETAILS ABOUT OBJECTS' FEATURES. Wings Guns use Tail skid LABELS ARE STORED IN FUNDAMENTAL OPEN HYPERMEDIA MODEL (FOHM) [2] LINKBASES SERVED BY THE AULD LINKY LINK SERVER [3].



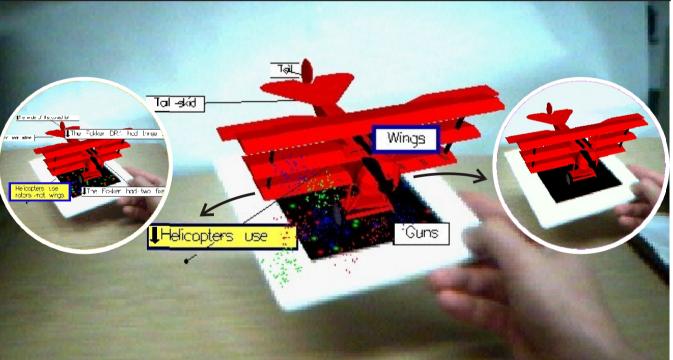








IF TOO MANY LABELS HAVE BEEN ADDED, USERS CAN PICK UP THE OBJECT AND SHAKE IT, CAUSING THE LABELS ON THE OBJECT TO FLY OFF AND DISAPPEAR.



EVOLVING INFORMATION: LABELS CAN CHANGE AND MIGHT EVEN DISAPPEAR.

EACH SPICE PILE REPRESENTS A CERTAIN CONTEXTUAL ELEMENT, E.G. AND A "HISTORICAL CONTEXT PILE".

PARTICLES FALLING ONTO OBJECTS FROM THE SPICE PILE ARE UNITS OF A CERTAIN CONTEXT.

AS CONTEXT IS SPRINKLED ONTO AN OBJECT, ITS CONTEXT CHANGES SO THAT LABELS APPLIED TO THAT OBJECT WILL REFLECT THE NEW CONTEXT.

AN OBJECT'S CONTEXT CAN BE CONSTRUCTED WITH PARTICLES FROM DIFFERENT SPICE PILES, RESULTING IN A MIXTURE OF CONTEXTS.



The Fokker had two fixed, forward—firing Spandau mechine guns mounted above the engine.

The Fokker had two fixed. forward-firing Spandau machine guns mounted above the engine World War I Fighters used a tírnína device cálled an interrupter, which allowed the gus to fire between the blodes. However, interrupte.



THERE ARE ALSO LINK LABELS, WHICH ACT AS LINK ANCHORS THAT USERS CAN SELECT AND FOLLOW. DESCRIPTIVE LABELS ARE DRAWN WITH WHITE BACKGROUNDS WHILE LINK LABELS HAVE YELLOW BACKGROUNDS.

USERS SELECT A LINK TO FOLLOW BY ROTATING THE OBJECT SO THAT THE LINK LABEL THEY ARE INTERESTED IN 15 THE ONE CLOSEST TO THEM.

THE CURRENTLY SELECTED LABEL IS HIGHLIGHTED BY A BLUE BORDER; LABELS WITH SEVERAL LINES OF TEXT ARE UNFOLDED AS THEY ARE SELECTED SO THAT THE WHOLE LABEL CAN BE SEEN.

